Bill no: I st and Final

DOR ⇒ 27.08.2019

M.A.R. 57 (Rule 116)

Measurement Book

No. C/09

190330

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency..... Sri puttaraju. A.

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of the work: Improvements to Ashwathakatte near Muthuraya Swamy Temple Mallasandra ward no: 13 Shettihalli Sub division.						
	Est: rate cost Rs : 15.00 Lakhs						
	JOB code No: 013-18-000074						
	AS NO: → BBMP/EE/PD/AS/38/2017-18						15/12/2017
	TS NO: → BBMP/25/18-19 dt 06/03/2019						
	W.O. NO: → BBMP/EE/PD/W.O/50/2018-19 dated 18-12-2018						

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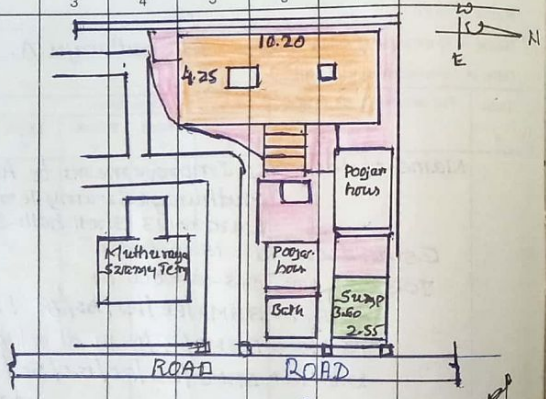
MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

Index
- Ashrathdatte
- PCC 1:3:6
- Sump



Asst. Executive Engineer
Project Division, Dasarahalli Zone
BBMP, Bangalore

M.A.R. 57 (Rule 116)

190331

Measurement Book No. C/09

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Earth work excavation by manual means in ordinary soil involving an horizontal throw up to 2m and an average lift up to 1.5m excavated surface levelled after breaking of clods the disposed earth to be levelled neatly etc complete as per specification. BF premeasurement Recorded in this MB vide page No: 190375 ie 75.06 76.38 M^3 @ Rate Rs 405.64/m^3 Rs 30,974.67						3094 f. 34
	2) Providing and laying in position plain cement						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Concrete of mix 1:3:6 with OPC cement at 220 kgs with 40mm and down size graded granite machine mixed concrete laid in layers not exceeding 15 cms thick well compacted etc complete as per specification.						
	BF premeasurment Recorded in this MB vide page No: 190376						177291.33
	ie 32.55 M³ @ Rate Rs 5449.68/-						Rs 1,77,387.05
3)	Providing and laying in position reinforced cement concrete of design mix M 25 25 N/mm² OPC cement at 320 kgs with 20mm and d/s graded granite metal course aggregate at 0.459 and fine aggregate @ 25th Super plasticiser at 3.2 ltrs confirming to IS 1903-1999 Readymixing 2008 machine mixed						

M.A.R. 57 (Rule 116)

Measurement Book No. C/09

190333

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	concrete laid in layers not exceeding 15cms thick well compacted etc complete as per specification.						
	BF premeasurment Recorded in this MB vide page No: 190377						
	ie 26.41 m³ @ Rate Rs 6718.68						Rs 1,77,440.34
4)	Refilling available excavated earth (excludes rock) in side of foundation upto plinth in layers not exceeding 20cms in depth compacted						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Each deposited layer by ramming after watering with lead upto 50 mts etc complete as per specification -						
	BF 50% of Qty as item no ④ 76.34 M³					4958.33	
	ie 36.15 m³ @ Rate Rs. 137.16/-					Rs 10,470=73	
5)	Providing and constructing grade I/c/trap/ basalt size stone masonry in base course with cement mortar 1:6 and edges of stones chisle dressed in courses not less than 15cm high good stones at 2mts apart etc complete as per specification -						
	For steps	1	1.65	1.35	0.20	0.45	
		1	1.65	1.10	0.15	0.27	
		1	1.65	0.80	0.15	0.20	

M.A.R. 57 (Rule 116) 190333

Measurement Book No. C/09

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	1.65	0.50	0.15	0.12	
						1.04 m³	562.62
			@ Rate Rs 5405.40/-				Rs 6224=77
6)	Providing and Laying in position reinforced cement concrete of design mix M-20 with OPC cement at 300kgs with 20mm and d/s graded granite metal course aggregate @ 0.64 m³ and fine aggregates at 0.43 m³ with Sneper plastisizer @ 3 lts conforming to IS 9103-1999						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	thick gang saw water cut Sadharahalli grey granite in cm 1:4 proportion cut to required shape pattern with paper joints finished with cement mortar using white cement etc complete as per specification.						
	For Floor -	1	4.25	10.20	-	43.35	
	For steps Treads -	4	1.65	0.30	-	1.98	
	Rises	5	1.65	0.15	-	1.24	
	For wall East side	1	3.95	1.28	-	5.06	
		1	4.15	1.28	-	5.31	
	West side	1	10.20	1.28	-	13.06	
	North side	1	4.25	1.28	-	5.44	
	South side	1	4.25	1.28	-	5.44	

E.E. (Project) 23/12

M.A.R. 57 (Rule 116) 190335

Measurement Book No. C/09

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	All rounded Trees Katte-1	2	1.50	0.30	-	0.90	
		2	1.20	0.30	-	0.72	
	Katte-2	2	2.13	0.30	-	1.28	
		2	1.80	0.30	-	1.08	
	Sides of steps-	2	½×1.47	1.00	-	1.40	
		3	3.00	0.60	-	5.60	
						91.66	
	Deduct Tree pooja	1	1.80	2.00	-	3.60	
	@ Rate Rs 1984/-					88.00	
						₹	174592=00

E.E. (Project) 23/12

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
10)	Providing and fixing 304 grade Stainless steel hollow pipes hand rails of 14 guage for ramps Stair case made out of Stainless steel hollow pipes using 50 mm dia for verticles @ 1.60 mtr c/c fixed to the ramps or steps by drilling with bolts and 100 mm dia MS base plates 10 mm guage for fixing of vertical pipes another one and fixed with elbows and 25 mm dia pipes etc complete as per specification -						
	Sides of steps	2	1.70	–	0.80	2.72	
	East side	1	4.25	–	0.50	3.83	
		1	4.05	–	0.90	3.65	
	West side	1	9.95	–	0.90	8.96	
	North side	1	4.10	–	0.90	3.69	
	South side	1	4.15	–	0.90	3.74	
						25.37	
	@ Rate Rs 6286.68/-					A	1,59,493=07

190336

M.A.R. 57 (Rule 116)

Measurement Book No. C/09

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
11)	Providing full nosing for 20mm thick granite Slab using required machinery including cut and conveyance of all materials, labour for all items of works tools of equipments etc complete as per specifications						
	East side	1	4.25	–	4.25		
		1	4.05	–	4.05		
	West side	1	10.20	–	10.20		
	North side	1	4.25	–	4.25		
	South side	1	4.25	–	4.25		

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	For steps -	5	1.65	-	8.25		
					31.01 Mtr		
	@ Rate Rs 257.04/-					Rs	7970=81
	12) Providing and constructing burnt brick masonry with approved quality of modular bricks of standard size and class designation 5.0 N/mm² (table moulded) with cement mortar 1:6 for basement and Super Structure including cost materials etc complete as per specification						
	For sunsp -	2	3.60	0.23	2.00	3.31	
		2	2.00	0.23	2.00	1.84	
						5.14	
	@ Rate Rs 6935.58/-					Rs	35648.88 36,273=68

M.A.R. 57 (Rule 116)

190337

Measurement Book No. C/09

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	13) Providing 18 mm thick cement plaster in single coat with cement mortar 1:4 to burnt brick masonry including rounding off corners wherever required smooth pointing providing and removing scaffolding including cost of materials labour etc complete as per Specification						
		2	3.20	-	2.00	12.80	
		2	2.00	-	2.00	8.36	
						21.16	
	@ Rate Rs 21.16/-					Rs	3576.04 3545.80

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	14) Providing and constructing using Sadhana hall granite stones of size of 0.40×0.40×2.30 measurement for four No of pillars and four Nos of beams of size 0.20×0.30×2.75 mtrs and 15th granite slab roof of 4.50×3.00×0.15 including cost of all loading and unloading and the the lead for bringing to stone to the work spot including cost of all carving work dressing polishing and finishing and installing at site etc complete.						
	1 No @ Rate Rs 4,37,441.07/-						4,37,441.07
						Total Rs	13,85,236/46
							13,83,689/-

Certificate

1. Certify that the contractor completes the work satisfactorily

Asst. Executive Engineer
Project Division, Dasarhalli Zone
BBMP, Bangalore

M.A.R. 57 (Rule 116)

Measurement Book No. C/09

190338

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	2. Certify that there is no departmental issue to Contractor						
	3. Certify that the contractor cleared all debris @ work spot.						

Asst. Executive Engineer
Project Division, Dasarhalli Zone
BBMP, Bangalore

27/08/2019

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
					Gross	1383629-	
					IT	13836-	
					LWC	13836-	
					CBF	1390-	
					RY	13394-	
					CHST	12354-	
					SGST	12354-	
					Del	~~6FI64~~ 1600	
					Fine	~~1316465~~	
					~~ESI~~		
					PSD	69181	
						137945	

Audited and admitted for Rs 1383629/-
Passed by Cheque No.
Rupees 1245684/- ~~1316465~~ Thirteen lakhs sixteen thousand four hundred and sixty five only
137945/- ~~6FI64~~
by acc
Assistant
Executive Engineer
B.B.M.P Basavanahalli Division

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